

R Todd Constable

List of Publications by Year in descending order

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Version: 2024-02-01

378
papers

38,838
citations

1990

101
h-index

4012

176
g-index

409
all docs

409
docs citations

409
times ranked

28588
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Genetic variation in endocannabinoid signaling is associated with differential network-level functional connectivity in youth. <i>Journal of Neuroscience Research</i> , 2022, 100, 731-743. | 1.3 | 8 |
| 2 | Graph theory analysis of whole brain functional connectivity to assess disturbances associated with suicide attempts in bipolar disorder. <i>Translational Psychiatry</i> , 2022, 12, 7. | 2.4 | 7 |
| 3 | Inside information: Systematic within-node functional connectivity changes observed across tasks or groups. <i>NeuroImage</i> , 2022, 247, 118792. | 2.1 | 4 |
| 4 | A protocol for working with open-source neuroimaging datasets. <i>STAR Protocols</i> , 2022, 3, 101077. | 0.5 | 0 |
| 5 | Associations among Household and Neighborhood Socioeconomic Disadvantages, Resting-state Frontoamygdala Connectivity, and Internalizing Symptoms in Youth. <i>Journal of Cognitive Neuroscience</i> , 2022, 34, 1810-1841. | 1.1 | 10 |
| 6 | A brain-based general measure of attention. <i>Nature Human Behaviour</i> , 2022, 6, 782-795. | 6.2 | 12 |
| 7 | Impaired neurogenesis alters brain biomechanics in a neuroprogenitor-based genetic subtype of congenital hydrocephalus. <i>Nature Neuroscience</i> , 2022, 25, 458-473. | 7.1 | 46 |
| 8 | Functional Connectome-Based Predictive Modeling in Autism. <i>Biological Psychiatry</i> , 2022, 92, 626-642. | 0.7 | 20 |
| 9 | A cognitive state transformation model for task-general and task-specific subsystems of the brain connectome. <i>NeuroImage</i> , 2022, 257, 119279. | 2.1 | 4 |
| 10 | Arousal impacts distributed hubs modulating the integration of brain functional connectivity. <i>NeuroImage</i> , 2022, 258, 119364. | 2.1 | 10 |
| 11 | Brain structural covariation linked to screen media activity and externalizing behaviors in children. <i>Journal of Behavioral Addictions</i> , 2022, , . | 1.9 | 3 |
| 12 | Structural and functional brain changes in hepatic and neurological Wilson disease. <i>Brain Imaging and Behavior</i> , 2021, 15, 2269-2282. | 1.1 | 12 |
| 13 | Altered frontal cortex functioning in emotion regulation and hopelessness in bipolar disorder. <i>Bipolar Disorders</i> , 2021, 23, 152-164. | 1.1 | 15 |
| 14 | A hitchhiker's guide to working with large, open-source neuroimaging datasets. <i>Nature Human Behaviour</i> , 2021, 5, 185-193. | 6.2 | 33 |
| 15 | Transdiagnostic, Connectome-Based Prediction of Memory Constructs Across Psychiatric Disorders. <i>Cerebral Cortex</i> , 2021, 31, 2523-2533. | 1.6 | 38 |
| 16 | Brain anatomical covariation patterns linked to binge drinking and age at first full drink. <i>NeuroImage: Clinical</i> , 2021, 29, 102529. | 1.4 | 10 |
| 17 | Associations Between Trauma Exposure, Internalizing Symptoms, and Functional Connectivity in Youth. <i>Biological Psychiatry</i> , 2021, 89, S323-S324. | 0.7 | 0 |
| 18 | Individual Differences in the Functional Organization of Infants. <i>Biological Psychiatry</i> , 2021, 89, S78. | 0.7 | 0 |

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|----|--|-----|-----------|
| 19 | Imaging and Reimagining the Mind: fMRI and Psychiatric Illness. <i>Biological Psychiatry</i> , 2021, 89, e45-e47. | 0.7 | 3 |
| 20 | A Graph Theoretical Connectome Measure to Assess Whole Brain Functional Connectivity Disturbances Associated With Suicide Attempts in Bipolar Disorder. <i>Biological Psychiatry</i> , 2021, 89, S296. | 0.7 | 0 |
| 21 | Using functional connectivity models to characterize relationships between working and episodic memory. <i>Brain and Behavior</i> , 2021, 11, e02105. | 1.0 | 5 |
| 22 | Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. <i>Neuron</i> , 2021, 109, 1769-1775. | 3.8 | 27 |
| 23 | Baseline brain function in the preadolescents of the ABCD Study. <i>Nature Neuroscience</i> , 2021, 24, 1176-1186. | 7.1 | 48 |
| 24 | A guide to the measurement and interpretation of fMRI test-retest reliability. <i>Current Opinion in Behavioral Sciences</i> , 2021, 40, 27-32. | 2.0 | 100 |
| 25 | Resample aggregating improves the generalizability of connectome predictive modeling. <i>NeuroImage</i> , 2021, 236, 118044. | 2.1 | 10 |
| 26 | Within node connectivity changes, not simply edge changes, influence graph theory measures in functional connectivity studies of the brain. <i>NeuroImage</i> , 2021, 240, 118332. | 2.1 | 15 |
| 27 | Substance use patterns in 9-10 year olds: Baseline findings from the adolescent brain cognitive development (ABCD) study. <i>Drug and Alcohol Dependence</i> , 2021, 227, 108946. | 1.6 | 19 |
| 28 | A graph theory-based whole brain approach to assess mood state differences in adolescents and young adults with bipolar disorder. <i>Bipolar Disorders</i> , 2021, , . | 1.1 | 2 |
| 29 | OUP accepted manuscript. <i>Cerebral Cortex</i> , 2021, , . | 1.6 | 2 |
| 30 | Differential Resting State Connectivity Responses to Glycemic State in Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1-13. | 1.8 | 95 |
| 31 | Individualized functional networks reconfigure with cognitive state. <i>NeuroImage</i> , 2020, 206, 116233. | 2.1 | 54 |
| 32 | Regions and Connections: Complementary Approaches to Characterize Brain Organization and Function. <i>Neuroscientist</i> , 2020, 26, 117-133. | 2.6 | 23 |
| 33 | Extracellular pH mapping of liver cancer on a clinical 3T MRI scanner. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 1553-1564. | 1.9 | 30 |
| 34 | Simultaneous mesoscopic and two-photon imaging of neuronal activity in cortical circuits. <i>Nature Methods</i> , 2020, 17, 107-113. | 9.0 | 102 |
| 35 | There is no single functional atlas even for a single individual: Functional parcel definitions change with task. <i>NeuroImage</i> , 2020, 208, 116366. | 2.1 | 172 |
| 36 | Cluster failure or power failure? Evaluating sensitivity in cluster-level inference. <i>NeuroImage</i> , 2020, 209, 116468. | 2.1 | 62 |

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|----|---|-----|-----------|
| 37 | Mood State Differences in Intrinsic Connectivity Distribution of Adolescents and Young Adults With Bipolar Disorder. <i>Biological Psychiatry</i> , 2020, 87, S416-S417. | 0.7 | 0 |
| 38 | Behavioral and brain signatures of substance use vulnerability in childhood. <i>Developmental Cognitive Neuroscience</i> , 2020, 46, 100878. | 1.9 | 23 |
| 39 | How Tasks Change Whole-Brain Functional Organization to Reveal Brain-Phenotype Relationships. <i>Cell Reports</i> , 2020, 32, 108066. | 2.9 | 62 |
| 40 | Simultaneous cortex-wide fluorescence Ca ²⁺ imaging and whole-brain fMRI. <i>Nature Methods</i> , 2020, 17, 1262-1271. | 9.0 | 111 |
| 41 | Connectome-based models can predict early symptom improvement in major depressive disorder. <i>Journal of Affective Disorders</i> , 2020, 273, 442-452. | 2.0 | 35 |
| 42 | What Can Machine Learning Do for Psychiatry?. <i>Biological Psychiatry</i> , 2020, 87, S462. | 0.7 | 0 |
| 43 | Preliminary Phenotypic Feature Capture During Clinical Interaction. <i>Biological Psychiatry</i> , 2020, 87, S212-S213. | 0.7 | 1 |
| 44 | Hippocampal seed connectome-based modeling predicts the feeling of stress. <i>Nature Communications</i> , 2020, 11, 2650. | 5.8 | 37 |
| 45 | Connectome-based neurofeedback: A pilot study to improve sustained attention. <i>NeuroImage</i> , 2020, 212, 116684. | 2.1 | 28 |
| 46 | Identifying Individual Differences in the Functional Organization of the Neonatal Brain. <i>Biological Psychiatry</i> , 2020, 87, S82. | 0.7 | 0 |
| 47 | Correspondence Between Perceived Pubertal Development and Hormone Levels in 9-10 Year-Olds From the Adolescent Brain Cognitive Development Study. <i>Frontiers in Endocrinology</i> , 2020, 11, 549928. | 1.5 | 45 |
| 48 | Identification of a brain fingerprint for overweight and obesity. <i>Physiology and Behavior</i> , 2020, 222, 112940. | 1.0 | 21 |
| 49 | Low-motion fMRI data can be obtained in pediatric participants undergoing a 60-minute scan protocol. <i>Scientific Reports</i> , 2020, 10, 21855. | 1.6 | 18 |
| 50 | Functional connectivity predicts changes in attention observed across minutes, days, and months. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3797-3807. | 3.3 | 128 |
| 51 | Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , 2019, 202, 116091. | 2.1 | 539 |
| 52 | An information network flow approach for measuring functional connectivity and predicting behavior. <i>Brain and Behavior</i> , 2019, 9, e01346. | 1.0 | 12 |
| 53 | Combining multiple connectomes improves predictive modeling of phenotypic measures. <i>NeuroImage</i> , 2019, 201, 116038. | 2.1 | 109 |
| 54 | S179. Transdiagnostic Prediction of Memory and Executive Function From Whole-Brain Functional Connectivity. <i>Biological Psychiatry</i> , 2019, 85, S366-S367. | 0.7 | 0 |

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|----|--|-----|-----------|
| 55 | A decade of test-retest reliability of functional connectivity: A systematic review and meta-analysis. <i>NeuroImage</i> , 2019, 203, 116157. | 2.1 | 370 |
| 56 | Multisite reliability and repeatability of an advanced brain MRI protocol. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 878-888. | 1.9 | 27 |
| 57 | The individual functional connectome is unique and stable over months to years. <i>NeuroImage</i> , 2019, 189, 676-687. | 2.1 | 156 |
| 58 | Dynamic flipping angle ECG gating with nuisance signal regression improves resting-state BOLD functional connectivity mapping by reducing cardiogenic noise. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 911-923. | 1.9 | 2 |
| 59 | Multivariate approaches improve the reliability and validity of functional connectivity and prediction of individual behaviors. <i>NeuroImage</i> , 2019, 197, 212-223. | 2.1 | 66 |
| 60 | The Functional Brain Organization of an Individual Allows Prediction of Measures of Social Abilities Transdiagnostically in Autism and Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2019, 86, 315-326. | 0.7 | 95 |
| 61 | Ten simple rules for predictive modeling of individual differences in neuroimaging. <i>NeuroImage</i> , 2019, 193, 35-45. | 2.1 | 273 |
| 62 | Clinical Potential of a New Approach to MRI Acceleration. <i>Scientific Reports</i> , 2019, 9, 1912. | 1.6 | 8 |
| 63 | Dynamic functional connectivity during task performance and rest predicts individual differences in attention across studies. <i>NeuroImage</i> , 2019, 188, 14-25. | 2.1 | 133 |
| 64 | The uniqueness of the individual functional connectome. , 2019, , 63-81. | | 2 |
| 65 | Data-Driven Analysis of Functional Connectivity Reveals a Potential Auditory Verbal Hallucination Network. <i>Schizophrenia Bulletin</i> , 2019, 45, 415-424. | 2.3 | 32 |
| 66 | Combining Multiple Behavioral Measures and Multiple Connectomes via Multipath Canonical Correlation Analysis. <i>Lecture Notes in Computer Science</i> , 2019, , 772-780. | 1.0 | 0 |
| 67 | Resting-state functional connectivity predicts neuroticism and extraversion in novel individuals. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 224-232. | 1.5 | 137 |
| 68 | Considering factors affecting the connectome-based identification process: Comment on Waller et al.. <i>NeuroImage</i> , 2018, 169, 172-175. | 2.1 | 50 |
| 69 | Presurgical language fMRI: Clinical practices and patient outcomes in epilepsy surgical planning. <i>Human Brain Mapping</i> , 2018, 39, 2777-2785. | 1.9 | 41 |
| 70 | Topographic organization of the cerebral cortex and brain cartography. <i>NeuroImage</i> , 2018, 170, 332-347. | 2.1 | 148 |
| 71 | Gray matter relationships to diagnostic and transdiagnostic features of drug and behavioral addictions. <i>Addiction Biology</i> , 2018, 23, 394-402. | 1.4 | 97 |
| 72 | Gradient nonlinearity effects on upper cervical spinal cord area measurement from 3D T ₁ -weighted brain MRI acquisitions. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1595-1601. | 1.9 | 27 |

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|----|--|-----|-----------|
| 73 | Connectome-based Models Predict Separable Components of Attention in Novel Individuals. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 160-173. | 1.1 | 82 |
| 74 | An exemplar-based approach to individualized parcellation reveals the need for sex specific functional networks. <i>NeuroImage</i> , 2018, 170, 54-67. | 2.1 | 38 |
| 75 | Connectome-based predictive modeling of attention: Comparing different functional connectivity features and prediction methods across datasets. <i>NeuroImage</i> , 2018, 167, 11-22. | 2.1 | 139 |
| 76 | The NAIMS cooperative pilot project: Design, implementation and future directions. <i>Multiple Sclerosis Journal</i> , 2018, 24, 1770-1772. | 1.4 | 12 |
| 77 | Insula as the Interface Between Body Awareness and Movement: A Neurofeedback-Guided Kinesthetic Motor Imagery Study in Parkinson's Disease. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 496. | 1.0 | 26 |
| 78 | Combining Multiple Connectomes via Canonical Correlation Analysis Improves Predictive Models. <i>Lecture Notes in Computer Science</i> , 2018, , 349-356. | 1.0 | 1 |
| 79 | Task-induced brain state manipulation improves prediction of individual traits. <i>Nature Communications</i> , 2018, 9, 2807. | 5.8 | 346 |
| 80 | Exploring the prediction of emotional valence and pharmacologic effect across fMRI studies of antidepressants. <i>NeuroImage: Clinical</i> , 2018, 20, 407-414. | 1.4 | 8 |
| 81 | 79. Transdiagnostic Prediction of Memory and Cognitive Abilities From Functional Connectivity Data: A Multidimensional Connectome-Based Predictive Modeling Study. <i>Biological Psychiatry</i> , 2018, 83, S33. | 0.7 | 0 |
| 82 | Trait paranoia shapes inter-subject synchrony in brain activity during an ambiguous social narrative. <i>Nature Communications</i> , 2018, 9, 2043. | 5.8 | 117 |
| 83 | Task integration for connectome-based prediction via canonical correlation analysis. , 2018, , . | | 3 |
| 84 | Hypoglycemia unawareness in type 1 diabetes suppresses brain responses to hypoglycemia. <i>Journal of Clinical Investigation</i> , 2018, 128, 1485-1495. | 3.9 | 32 |
| 85 | Alterations in Anatomical Covariance in the Prematurely Born. <i>Cerebral Cortex</i> , 2017, 27, bhv248. | 1.6 | 40 |
| 86 | Shared Microstructural Features of Behavioral and Substance Addictions Revealed in Areas of Crossing Fibers. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 188-195. | 1.1 | 70 |
| 87 | Metonymy as Referential Dependency: Psycholinguistic and Neurolinguistic Arguments for a Unified Linguistic Treatment. <i>Cognitive Science</i> , 2017, 41, 351-378. | 0.8 | 16 |
| 88 | Weak functional connectivity in the human fetal brain prior to preterm birth. <i>Scientific Reports</i> , 2017, 7, 39286. | 1.6 | 128 |
| 89 | Multi-modal analysis of functional connectivity and cerebral blood flow reveals shared and unique effects of propofol in large-scale brain networks. <i>NeuroImage</i> , 2017, 148, 130-140. | 2.1 | 40 |
| 90 | Characterizing Attention with Predictive Network Models. <i>Trends in Cognitive Sciences</i> , 2017, 21, 290-302. | 4.0 | 121 |

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|-----|--|-----|-----------|
| 91 | Using connectome-based predictive modeling to predict individual behavior from brain connectivity. <i>Nature Protocols</i> , 2017, 12, 506-518. | 5.5 | 766 |
| 92 | Multisite reliability of MR-based functional connectivity. <i>NeuroImage</i> , 2017, 146, 959-970. | 2.1 | 140 |
| 93 | O-space with high resolution readouts outperforms radial imaging. <i>Magnetic Resonance Imaging</i> , 2017, 37, 107-115. | 1.0 | 8 |
| 94 | Presurgical language fMRI: Mapping of six critical regions. <i>Human Brain Mapping</i> , 2017, 38, 4239-4255. | 1.9 | 87 |
| 95 | Can brain state be manipulated to emphasize individual differences in functional connectivity?. <i>NeuroImage</i> , 2017, 160, 140-151. | 2.1 | 266 |
| 96 | Cingulate cortex functional connectivity predicts future relapse in alcohol dependent individuals. <i>NeuroImage: Clinical</i> , 2017, 13, 181-187. | 1.4 | 61 |
| 97 | Altered functional connectivity to stressful stimuli in prenatally cocaine-exposed adolescents. <i>Drug and Alcohol Dependence</i> , 2017, 180, 129-136. | 1.6 | 12 |
| 98 | Does prenatal stress alter the developing connectome?. <i>Pediatric Research</i> , 2017, 81, 214-226. | 1.1 | 120 |
| 99 | Reorganization of brain connectivity in obesity. <i>Human Brain Mapping</i> , 2017, 38, 1403-1420. | 1.9 | 65 |
| 100 | Influences on the Test-Retest Reliability of Functional Connectivity MRI and its Relationship with Behavioral Utility. <i>Cerebral Cortex</i> , 2017, 27, 5415-5429. | 1.6 | 300 |
| 101 | Diffusion Tensor Imaging in Patients with Glioblastoma Multiforme Using the Supertoroidal Model. <i>PLoS ONE</i> , 2016, 11, e0146693. | 1.1 | 12 |
| 102 | The Localization of Long-Distance Dependency Components: Integrating the Focal-lesion and Neuroimaging Record. <i>Frontiers in Psychology</i> , 2016, 7, 1434. | 1.1 | 6 |
| 103 | Experimental O-space turbo spin echo imaging. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1654-1661. | 1.9 | 16 |
| 104 | Altered Brain Response to Drinking Glucose and Fructose in Obese Adolescents. <i>Diabetes</i> , 2016, 65, 1929-1939. | 0.3 | 69 |
| 105 | Functional magnetic resonance connectivity studies in infants born preterm: suggestions of proximate and long-lasting changes in language organization. <i>Developmental Medicine and Child Neurology</i> , 2016, 58, 28-34. | 1.1 | 36 |
| 106 | Food image-induced brain activation is not diminished by insulin infusion. <i>International Journal of Obesity</i> , 2016, 40, 1679-1686. | 1.6 | 15 |
| 107 | Fluctuations in Global Brain Activity Are Associated With Changes in Whole-Brain Connectivity of Functional Networks. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 2540-2549. | 2.5 | 21 |
| 108 | Methylphenidate Modulates Functional Network Connectivity to Enhance Attention. <i>Journal of Neuroscience</i> , 2016, 36, 9547-9557. | 1.7 | 88 |

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|-----|--|-----|-----------|
| 109 | Prenatal stress alters amygdala functional connectivity in preterm neonates. <i>NeuroImage: Clinical</i> , 2016, 12, 381-388. | 1.4 | 100 |
| 110 | Dynamic neural activity during stress signals resilient coping. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8837-8842. | 3.3 | 166 |
| 111 | Comparison of regional skeletal muscle tissue oxygenation in college athletes and sedentary control subjects using quantitative BOLD MR imaging. <i>Physiological Reports</i> , 2016, 4, e12903. | 0.7 | 18 |
| 112 | The central vein sign and its clinical evaluation for the diagnosis of multiple sclerosis: a consensus statement from the North American Imaging in Multiple Sclerosis Cooperative. <i>Nature Reviews Neurology</i> , 2016, 12, 714-722. | 4.9 | 274 |
| 113 | Impaired consciousness in patients with absence seizures investigated by functional MRI, EEG, and behavioural measures: a cross-sectional study. <i>Lancet Neurology</i> , The, 2016, 15, 1336-1345. | 4.9 | 85 |
| 114 | Language at rest: A longitudinal study of intrinsic functional connectivity in preterm children. <i>NeuroImage: Clinical</i> , 2016, 11, 149-157. | 1.4 | 11 |
| 115 | Fast rotary nonlinear spatial acquisition (FRONSAC) imaging. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1154-1165. | 1.9 | 16 |
| 116 | Normalization of brain morphology after surgery in sagittal craniosynostosis. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 17, 460-468. | 0.8 | 23 |
| 117 | Functional Connectivity During Exposure to Favorite-Food, Stress, and Neutral-Relaxing Imagery Differs Between Smokers and Nonsmokers. <i>Nicotine and Tobacco Research</i> , 2016, 18, 1820-1829. | 1.4 | 12 |
| 118 | Application of BOLD Magnetic Resonance Imaging for Evaluating Regional Volumetric Foot Tissue Oxygenation: A Feasibility Study in Healthy Volunteers. <i>European Journal of Vascular and Endovascular Surgery</i> , 2016, 51, 743-749. | 0.8 | 22 |
| 119 | A neuromarker of sustained attention from whole-brain functional connectivity. <i>Nature Neuroscience</i> , 2016, 19, 165-171. | 7.1 | 833 |
| 120 | Preterm birth alters neonatal, functional rich club organization. <i>Brain Structure and Function</i> , 2016, 221, 3211-3222. | 1.2 | 71 |
| 121 | Individual variation in functional brain connectivity: implications for personalized approaches to psychiatric disease. <i>Dialogues in Clinical Neuroscience</i> , 2016, 18, 277-287. | 1.8 | 72 |
| 122 | Radiofrequency pulse design using nonlinear gradient magnetic fields. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 826-839. | 1.9 | 10 |
| 123 | Algebraic reconstruction technique for parallel imaging reconstruction of undersampled radial data: Application to cardiac cine. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 1643-1653. | 1.9 | 8 |
| 124 | Radiofrequency pulse design using nonlinear gradient magnetic fields. <i>Magnetic Resonance in Medicine</i> , 2015, 74, spcone. | 1.9 | 0 |
| 125 | Cerebral Lateralization is Protective in the Very Prematurely Born. <i>Cerebral Cortex</i> , 2015, 25, 1858-1866. | 1.6 | 49 |
| 126 | The (in)stability of functional brain network measures across thresholds. <i>NeuroImage</i> , 2015, 118, 651-661. | 2.1 | 228 |

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|-----|--|-----|-----------|
| 127 | Accelerate single-shot data acquisitions using compressed sensing and FRONSAC imaging. , 2015, , . | | 1 |
| 128 | Sex differences in normal age trajectories of functional brain networks. Human Brain Mapping, 2015, 36, 1524-1535. | 1.9 | 207 |
| 129 | Adaptive mechanisms of developing brain: Cerebral lateralization in the prematurely-born. NeuroImage, 2015, 108, 144-150. | 2.1 | 58 |
| 130 | MRI and fMRI Optimizations and Applications. , 2015, , 183-190. | | 0 |
| 131 | Meditation leads to reduced default mode network activity beyond an active task. Cognitive, Affective and Behavioral Neuroscience, 2015, 15, 712-720. | 1.0 | 165 |
| 132 | Predicting moment-to-moment attentional state. NeuroImage, 2015, 114, 249-256. | 2.1 | 58 |
| 133 | Functional connectome fingerprinting: identifying individuals using patterns of brain connectivity. Nature Neuroscience, 2015, 18, 1664-1671. | 7.1 | 2,191 |
| 134 | Pseudo-random center placement O-space imaging for improved incoherence compressed sensing parallel MRI. Magnetic Resonance in Medicine, 2015, 73, 2212-2224. | 1.9 | 20 |
| 135 | Challenges in fMRI and Its Limitations. , 2015, , 51-69. | | 0 |
| 136 | Functional Connectivity MR Imaging. , 2015, , 83-104. | | 0 |
| 137 | Single Echo MRI. PLoS ONE, 2014, 9, e86008. | 1.1 | 6 |
| 138 | Modulating Intrinsic Connectivity: Adjacent Subregions within Supplementary Motor Cortex, Dorsolateral Prefrontal Cortex, and Parietal Cortex Connect to Separate Functional Networks during Task and Also Connect during Rest. PLoS ONE, 2014, 9, e90672. | 1.1 | 12 |
| 139 | Altered functional connectivity in seizure onset zones revealed by fMRI intrinsic connectivity. Neurology, 2014, 83, 2269-2277. | 1.5 | 69 |
| 140 | Accelerate data acquisition using Turbo Spin Echo and O-Space. , 2014, , . | | 1 |
| 141 | Functional MRI Signal Fluctuations: A Preclinical Biomarker for Cognitive Impairment in Type 2 Diabetes?. Diabetes, 2014, 63, 396-398. | 0.3 | 5 |
| 142 | BOLD signal and functional connectivity associated with loving kindness meditation. Brain and Behavior, 2014, 4, 337-347. | 1.0 | 60 |
| 143 | Noninvasive MRI measurement of the absolute cerebral blood volume-cerebral blood flow relationship during visual stimulation in healthy humans. Magnetic Resonance in Medicine, 2014, 72, 864-875. | 1.9 | 11 |
| 144 | Reliability of neuroanatomical measurements in a multisite longitudinal study of youth at risk for psychosis. Human Brain Mapping, 2014, 35, 2424-2434. | 1.9 | 76 |

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|-----|--|-----|-----------|
| 145 | GABA, Resting-State Connectivity and the Developing Brain. <i>Neonatology</i> , 2014, 106, 149-155. | 0.9 | 55 |
| 146 | 2D Magnetic Resonance Electrical Property Tomography based on B ₁ field mapping. , 2014, 2014, 6060-3. | | 1 |
| 147 | Disruption of Functional Networks in Dyslexia: A Whole-Brain, Data-Driven Analysis of Connectivity. <i>Biological Psychiatry</i> , 2014, 76, 397-404. | 0.7 | 201 |
| 148 | Altered brain connectivity in sagittal craniosynostosis. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 13, 690-698. | 0.8 | 35 |
| 149 | Leptin Is Associated With Exaggerated Brain Reward and Emotion Responses to Food Images in Adolescent Obesity. <i>Diabetes Care</i> , 2014, 37, 3061-3068. | 4.3 | 64 |
| 150 | The impact of image smoothness on intrinsic functional connectivity and head motion confounds. <i>NeuroImage</i> , 2014, 95, 13-21. | 2.1 | 62 |
| 151 | Multiecho acquisition of O ₂ data. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 1648-1657. | 1.9 | 7 |
| 152 | Noninvasive quantification of absolute cerebral blood volume during functional activation applicable to the whole human brain. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 580-590. | 1.9 | 11 |
| 153 | Coupled Intrinsic Connectivity Distribution Analysis: A Method for Exploratory Connectivity Analysis of Paired fMRI Data. <i>PLoS ONE</i> , 2014, 9, e93544. | 1.1 | 8 |
| 154 | Coupled Intrinsic Connectivity: A Principled Method for Exploratory Analysis of Paired Data. <i>Mathematics and Visualization</i> , 2014, , 219-227. | 0.4 | 0 |
| 155 | In vivo O ₂ imaging with a dedicated 12 cm <i>Z</i> ² insert coil on a human 3T scanner using phase map calibration. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 444-455. | 1.9 | 31 |
| 156 | Disrupted Ventromedial Prefrontal Function, Alcohol Craving, and Subsequent Relapse Risk. <i>JAMA Psychiatry</i> , 2013, 70, 727. | 6.0 | 245 |
| 157 | A Graphics Processing Unit Accelerated Motion Correction Algorithm and Modular System for Real-time fMRI. <i>Neuroinformatics</i> , 2013, 11, 291-300. | 1.5 | 19 |
| 158 | Groupwise whole-brain parcellation from resting-state fMRI data for network node identification. <i>NeuroImage</i> , 2013, 82, 403-415. | 2.1 | 858 |
| 159 | The relationship between phonological and auditory processing and brain organization in beginning readers. <i>Brain and Language</i> , 2013, 125, 173-183. | 0.8 | 126 |
| 160 | Real-time fMRI links subjective experience with brain activity during focused attention. <i>NeuroImage</i> , 2013, 81, 110-118. | 2.1 | 114 |
| 161 | A left cerebellar pathway mediates language in prematurely-born young adults. <i>NeuroImage</i> , 2013, 64, 371-378. | 2.1 | 47 |
| 162 | Reduced genual corpus callosal white matter integrity in pathological gambling and its relationship to alcohol abuse or dependence. <i>World Journal of Biological Psychiatry</i> , 2013, 14, 129-138. | 1.3 | 90 |

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